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By:  Printed: Lya Tinular

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bandman et al.

Title: HUMAN PROTEINASE MOLECULES

Serial No.: To Be Assigned Filing Date: Herewith

Examiner: To Be Assigned Group Art Unit: To Be Assigned

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Mail Stop: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants wish to call to the attention of the Examiner the enclosed "List of References Cited by Applicants." The right is reserved to antedate any item in accordance with standard procedure.

Applicants respectfully submit under 37 C.F.R. 1.98(3)(d) that copies of the references are not included herein as copies were previously cited by or submitted to the Office in parent application Serial No. 09/802,633, filed March 8, 2001, from which we are claiming priority under 35 U.S.C. 120.

Citation of the documents is not to be construed as an admission that the documents are necessarily prior art with respect to the instant invention. This submission is understood to complement the results of the Examiner's own independent search. Citation of the documents shall not be construed as a representation that a search has been made or that the cited items are inclusive of all the relevant and material citations that may be available publicly. Any NCBI report included herein may not have an accurate date for prior art purposes. Some of the documents may have markings thereon. No significance is meant to be attached to the markings.

Applicants respectfully request that the cited documents be considered by the Examiner and that an initialed copy of the List of References Cited by Applicants be returned to Applicants.

It is believed that this disclosure complies with 37 CFR §§ 1.56, 1.97 and 1.98 and the Manual of Patent Examining Procedures § 609. If for some reason the Examiner considers otherwise, please telephone the undersigned.

Applicants believe that no fee is due with this paper. However, if the Commissioner determines that a fee is necessary, the Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 09-0108.

If there are any questions regarding the above, the Examiner is invited to call the undersigned.

Respectfully submitted,

INCYTE CORPORATION

Date: 15 July 2003

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U.S. Department of Commerce, Patent and Trademark Office				Atty Docket No.		Serial No.		
				PF-0479-2 DIV		To Be Assigned		
LIST OF REFERENCES CITED BY APPLICANTS  (Use several sheets if necessary)				Applicants  Bandman et al.				
				Filing Date		Group		
				Herewith		To Be Assigned		
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	1	5,622,967	22 Apr 1997					
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	2	95/33060	7 Dec 1995	WO				
	3	94/21817	29 Sep 1994	WO				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	4	Beynon, R.J. and J.S. Bond (1994) <u>Proteolytic enzymes - a practical approach</u> , Oxford University Press, New York, NY pages 1-5						
	5	von Heijne, G. "A new method for predicting signal sequence cleavage sites", Nuc. Acid. Res., 14:4683-4690 (1986)						
	6	Zunino, S.J. et al., "RNKP-1, A NOVEL NATURAL KILLER-ASSOCIATED SERINE PROTEASE GENE CLONED FROM RNK-16 CYTOTOXIC LYMPHOCYTES", <u>J. Immunol.</u> , 144:2001-2009 (1990)						
	7	Sayers, T.J. et al., "Purification and Cloning of a Novel Serine Protease, RNK-Tryp-2, from the Granules of a Rat NK Cell Leukemia", <u>J. Immunol.</u> , 152:2289-2297 (1994)						
	8	Keyszer, G.M. et al., "COMPARATIVE ANALYSIS OF CATHEPSIN L, CATHEPSIN D, AND COLLAGENASE MESSENGER RNA EXPRESSION IN SYNOVIAL TISSUES OF PATIENTS WITH RHEUMATOID ARTHRITIS AND OSTEOARTHRITIS, BY IN SITU HYBRIDIZATION", <u>Arthritis Rheum.</u> , 38:976-984 (1995)						
	9	Chambers, A.F. and A.B. Tuck, "Ras-Responsive Genes and Tumor Metastasis", <u>Crit. Rev. Oncog.</u> , 4:95-114 (1993)						
	10	Mignatti, P., "Tumor Invasion through the Human Amniotic Membrane: Requirement for a Proteinase Cascade", <u>Cell</u> , 47:487-498 (1986)						
	11	Murphy, G. et al., "The Regulation of Connective Tissue Metalloproteinases by Natural Inhibitors", <u>Agents Actions Suppl.</u> , 35:69-76 (1991)						
Examiner			Date Considered					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>								

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## U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## Foreign Patent Documents

							Translation
		Document	Date	Country	Class	Subclass	Yes
							No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

12	Calkins, C.C. and B.F. Sloane, "Mammalian Cysteine Protease Inhibitors: Biochemical Properties and Possible Roles in Tumor Progression", <u>Biol. Biochem. Hoppe Seyler</u> , 376:71-80 (1995)
13	Sakihama, T. et al., (Direct Submission), GenBank Sequence Database (Accession M11778), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894, (GI 164402; GI 164403)
14	Sakihama, T. et al. "A putative Ca <sup>+</sup> -binding protein: Structure of the light subunit of porcine calpain elucidated by molecular cloning and protein sequence analysis", <u>Proc. Natl. Acad. Sci. USA</u> , 82:6075-6079 (1985) (GI 164403)
15	Hirahara, I. et al., (Direct Submission), GenBank Sequence Database (Accession AB008548), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894, (GI 2589008; GI 2589009)
16	Azuma, T. et al., (Direct Submission), GenBank Sequence Database (Accession J05036), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894, (GI 181193; GI 181194)
17	Azuma, T. et al., "Human Gastric Cathepsin E", <u>J. Biol. Chem.</u> , 264:16748-16753 (1989) (GI 181194)
18	Beynon, R.J. and J.S. Bond ( <u>supra</u> ) pages 25-55
19	Hillier et al., Database EST, Accession No. W07748, 1996
20	Myers, Database Genembl, Accession No. G27716, 1996
21	Myers, Database Genembl, Accession No. D24942

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